



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION II

### EDISON, NEW JERSEY 08837

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT



Site Name: Algen Press

Address: 18-06 130th Street, College Point, NY 11356

County: Queens

EPA I.D. No.: NYD001362375

#### Summary:

Algen Press is a currently active color lithography printing operation. The company is located in a mixed residential/industrial neighborhood in College Point, Queens. Local residents have complained about various environmental problems at the site including the storage of drums bearing flammable liquid labels, the dumping of chemicals in a large pit behind the building, and water/chemicals flowing constantly from the building into the street. Both the New York City Department of Sanitation and the New York City Department of Environmental Protection have conducted inspections at the site and have found no evidence of illegal dumping. On August 28, 1983 the Department of Sanitation took soil samples from the Algen Press property and delivered them to the Department of Environmental Protection for analysis. The results of the analyses showed only compounds which normally occur through the breakdown of organic matter (grass, leaves, twigs, etc.) and waste oils and greases. An off-site reconnaisance by EPA Region II Environmental Services Division personnel on 7/1/87 did not uncover any imminent environmental hazards. Drums, which appeared to be empty, were scattered behind the building. Other drums were stacked on a cement pad behind a fence. Some of these drums bore flammable liquid labels. The street was wet in front of the Algen Press building, but the liquid appeared to be water.

Priority for Inspection: High \_\_\_\_ Medium \_\_\_ Low X None

#### Recommendations:

A site inspection is not recommended as an immediate priority because of the amount of work that the two city agencies have already performed at the site. If and when a site inspection is performed, soil behind and around the Algen Press building should be sampled for organics and metals. If possible, any liquid being discharged from the buildings should be sampled.

Prepared by: Carol Price, Environmental Scientist
U.S. EPA, Environmental Services Division



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# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION

C1 STATE 02 SITE NUMBER

NV D001 362375

				ENT			
II. SITE NAME AND LOCATION	102	STREET	-OUTENO OR	SPECIFI	C LOCATION IDENTIFIER		
O1 SITE NAME (Legel, common, or descriptive name of site)	1	02 STREET, AOUTE NO., OR SPECIFIC LOCATION IDENTIFIER					1
Algen Press			130th			107COUNTY	108 CONG
03 CITY	104	STATE		06 COU		CODE	DIST
College Point	1	NY	11356	Que	ens	081	6-19
09 COORDINATES LATITUDE LONGITUDE							
40 46 4573 50 2	Q						
10 DIRECTIONS TO SITE (Starting from meanest public road)					Manak	h +- +h	.
Belt Parkway East to Van Wyck Expre	ssway. Fo	ollo	w Van Wy	ck E	xpressway Nort	n to u	le l
tubitactone Expressurate Frit the Whi	itestone.	EXDI	essway a	L 20	ui Ave. Iuii	TCTC OF	100
20th Ave. Follow 20th Ave. to 130t	h Street.	Ma	ke right	and	proceed to Si	te.	
III. RESPONSIBLE PARTIES							
01 OWNER (If anown)	1		(Business, making, i			·	
Mr. Lewis Falce		18-0	6 130th				
03 CITY	04		05 ZIP CODE		TELEPHONE NUMBER		
College Point		NY	11356	(	718 463-4605		
07 OPERATOR (If known and different from owner)	0.0	STREE	(Busness, making,	residentes			
Same as above							
O9 CITY	10	STATE	11 ZIP CODE	12	TELEPHONE NUMBER		
				10	)		
13 TYPE OF OWNERSHIP (Check one)							
TY A DONATE TO B EEDERAL!			C. STA	TE C	D.COUNTY DE. MUN	NICIPAL	
"	Agency name)		G. UNK	NOWN			
☐ F. OTHER:(Soecity)							
14 CWNER/OPERATOR NOTIFICATION ON FILE (Check of that apoly)			F 0:TF		ATT DECEMEN.	, .	C. NONE
☐ A. RCRA 3001 DATE RECEIVED: / ☐ B.	UNCONTHOLLE	DWASI	ESITEICENCLAT	03 c) U	MONTH DA	Y YEAR	0.110.12
IV. CHARACTERIZATION OF POTENTIAL HAZARD							
01 ON SITE INSPECTION BY (Check of the	D B EDAC	CONTRA	CTOR [	C. ST	ATE D. OTHER	CONTRACTO	OR .
© YES DATE 12, 4,81  □ A. EPA □ E. LOCAL	HEALTH OFFICE	IAL [	F. OTHER:				_
2.00	OR NAME(S):				(Specify)		
	YEARS OF OPERAT						
MA. ACTIVE B. INACTIVE C. UNKNOWN		nown			urrently unknow	N	
	. BEC	GINNING Y	EAR ENDI	NG YEAR		1.2	
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALTHE SITE IS a color lithography pri	inting op	erat	ion. Che	emic	als associated	with t	ine
live in Comment in allude country	ice and a	ande	niced in	the	plate develo	ment br	OCESS,
lalcohole and various organic pigme	ents and :	SOLV	ents rou	na 1	n printing in	S. DIC	ms
llabeled "Flammable Liquid" and "Pro	oxcote La	cane	r" were	obse	rved on the si	te.	
	01100 00	00100					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR PO	privation nd explos	ion	hazard f	rom	the drums stor	ed on s	site
There is a possibility of a fire at bearing flammable liquid labels.	nd explos Soil cont	ion :	hazard f	rom y ex	the drums stor	red on s	site dumpir
There is a possibility of a fire a bearing flammable liquid labels.	nd explos Soil cont act with	ion i amin chem	hazard f ation ma icals ma	rom y ex y be	the drums stor ist from the a a problem bed	red on s illeged ause of	site dumpin f the
There is a possibility of a fire a bearing flammable liquid labels. of chemicals on-site. Direct cont close proximity of residential hou	nd explos Soil cont act with	ion i amin chem	hazard f ation ma icals ma	rom y ex y be	the drums stor ist from the a a problem bed	red on s illeged ause of	site dumpin f the
There is a possibility of a fire a bearing flammable liquid labels. of chemicals on-site. Direct contclose proximity of residential hour v. PRIORITY ASSESSMENT	nd explos Soil cont act with sing, but	ion amin chem the	hazard f ation ma icals ma drum s	rom y ex y be tora	the drums stor ist from the a a problem bed ge area appear	red on s illeged ause of	site dumpir f the
There is a possibility of a fire a bearing flammable liquid labels. of chemicals on-site. Direct cont close proximity of residential how V. ?RIORITY ASSESSMENT  There is a possibility of a fire a bearing flammable liquid labels. The content of chemicals on-site. Direct cont close proximity of residential how V. ?RIORITY ASSESSMENT  There is a possibility of a fire a bearing checked company of the content of	or pulation and explosion soil contact with sing, but	ion amin chem the	hazard fation maicals madrum s	y ex y be tora	the drums stor ist from the a a problem bed ge area appear	red on s alleged cause of as to be	site dumpin f the
There is a possibility of a fire a bearing flammable liquid labels. of chemicals on-site. Direct cont close proximity of residential how V. PRIORITY FOR INSPECTION (Check one I high or medium a checked, compared to the control of t	nd explos Soil cont act with sing, but	ion amin chem the	hazard fation maicals madrum s	y ex y be tora	the drums stor ist from the a a problem bed ge area appear	red on s alleged cause of as to be	site dumpin f the
There is a possibility of a fire a bearing flammable liquid labels. of chemicals on-site. Direct cont close proximity of residential hour v. PRIORITY ASSESSMENT  21 PRIORITY FOR INSPECTION (Check one. I high or measure a checked, competed in A High (Inspection required promatly)  VI. INFORMATION AVAILABLE FROM	or pulation and explosion soil contact with sing, but	ion amin chem the	hazard fation maicals madrum s	y ex y be tora	the drums stor ist from the a a problem bed ge area appear	red on s alleged cause of as to be	site dumpin f the e fence
There is a possibility of a fire a bearing flammable liquid labels. of chemicals on-site. Direct cont close proximity of residential hour v. ?RIORITY ASSESSMENT  There is a possibility of a fire a bearing flammable liquid labels. of chemicals on-site. Direct cont close proximity of residential hour v. ?RIORITY ASSESSMENT  There is a possibility of a fire a bearing flammable control of control of chemicals on-site. Direct control of the c	opulation and explose soil cont act with sing, but part 2 - Waste mform C. LOW [Inapect on time at	ion amin chem the	hazard fation maicals maidrum s	rom y ex y be tora  Mazardous DNE Author act	the drums stor ist from the a a problem become area appear appear area appear area appear area appear appe	red on sulleged cause of sto be	site dumpin f the e fence
os description of potential hazard to environment and/or or There is a possibility of a fire at bearing flammable liquid labels. of chemicals on-site. Direct cont close proximity of residential houry. PRIORITY ASSESSMENT  21 PRIORITY FOR INSPECTION (Check one If high or measures checked, combet C A. HIGH [Inspection required promethy] B. MEDIUM [Inspection required]  VI. INFORMATION AVAILABLE FROM  01 CONTACT	opulation and explose soil cont act with sing, but part 2 - Waste mform C. LOW [Inapect on time at	ion amin chem the	hazard fation maicals maidrum s	rom y ex y be tora  Mazardous DNE Author act	the drums stor ist from the a a problem bed ge area appear	red on sulleged cause of sto be	site dumpin f the e fence
of Description of Potential Hazard To Environment and/or Method is a possibility of a fire at bearing flammable liquid labels. of chemicals on-site. Direct conticlose proximity of residential how V. PRIORITY ASSESSMENT  DI PRIORITY FOR INSPECTION (Check one If high or measure a checked, compart C.A. HIGH [Inspection required promethy] B. MEDIUM [Inspection required]  VI. INFORMATION AVAILABLE FROM  OI CONTACT [02]	opulation and explose soil cont act with sing, but part 2 - Waste mform C. LOW [Inapect on time at	ion iamin chem the the	hazard fation maicals maidrum s	rom y ex y be tora  Mazardous DNE Author act	the drums stor ist from the a a problem become area appear appear area appear area appear area appear appe	red on salleged cause of sause	site dumpin f the e fence

### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION 01 STATE 02 SITE NUMBER NY D001362375

VEF	A		PART 2 - WASTE	INFORMATION				
WACTECT	ATES, QUANTITIES, AN	D CHARACTERIS	STICS					
WASTE ST	ATES (Checa all that apply)	02 WASTE QUANTIT	TY AT SITE	03 WASTE CHARACTE	RISTICS (Check all that appr			
	E SLURRY	TONS _		Z A TOXIC XC E. SOLUBLE  S B CORROSIVE C F. INFECTIOUS  C C RADIOACTIVE C C FLAMMABLE  D D PERSISTENT C H. IGNITABLE		OUS I J. EXPLOSIVE ABLE I K. REACTIVE LE I L. INCOMPA	☐ I 'HIGHLY VOLATILE  ☐ J. EXPLOSIVE  ☐ K. REACTIVE  ☐ L. INCOMPATIBLE  ☐ M. NOT APPLICABLE	
C D OTHER	(Specify)	NO. OF DRUMS	Approx. 40					
I. WASTE TO	PE							
CATEGORY	SUBSTANCE N	IAME	01 GRCSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS			
SLU	SLUDGE							
OLW	OILY WASTE							
SOL	SOLVENTS		Unknown	]	Printing ink	s containing	solvents	
PSD	PESTICIDES						-	
occ	OTHER ORGANIC C	HEMICALS	Unknown		Pigments in	printing ink	5	
IOC	INORGANIC CHEMIC	CALS			1		C 11+1117A	
ACD	ACIDS		Unknown		caustics ar	oping proces	S UCITIZE	
BAS	BASES		Unknown		caustics ar	id actus		
MES	HEAVY METALS							
	OUS SUBSTANCES (See	Appendix for most frequen	ntly cited CAS Numbers)				T and the state of	
CATEGORY	02 SUBSTANCE		03 CAS NUMBER	04 STORAGE/DIS	SPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF	
TCATEGORI	Acid solution			Unknown				
	Casutic solut			11				
	Casucic soluc	10120						
				-			1000	
				-				
						-		
4 7				-			-	
							1.	
						-	-	
							+	
							-	
V. FEEDST	OCKS (See Appendix for CAS M	ambers)					02 CAS NUMBER	
CATEGOR	O1 FEEDST	OCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDS	TOCK NAME	02 CAS NOMBER	
FDS	Printing i	nk		FDS				
FDS				FDS			-	
FDS				FDS			-	
FDS				FDS				
USG New	S Topographic York City San York City Dep	map - Flus	shing, NY Quepartment, E	ad nvironmenta tal Protect	TOU - LITES		- Files	
Off	-site reconnai	sance - Es	SD personnel	7/1/87				

O.EDA

## POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION 01 STATE 02 SITE NUMBER NV D001 362375

WEI A	PART 3 - DESCRIPTION OF H	AZARDOUS CONDITIONS AND INCIDENT	s Livi 100	01302373
II. HAZARDOUS CONDIT				S. J.
01 A. GROUNDWATER	TALLY AFFECTED:	02 C OBSERVED IDATE) 04 NARRATIVE DESCRIPTION	X POTENTIAL	☐ ALLEGED
The potential chemicals has in Queens Cou	occurred. However,	amination exists if alleged groundwater is not used as	l on-site dum a drinking w	ping of vater supply
01 DB. SURFACE WATER	R CONTAMINATION TALLY AFFECTED:	02 GBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL	☐ ALLEGED
	. ,			
01 C. CONTAMINATIO	MALLY AFFECTED: OTT 1270	02 C OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	□ POTENTIAL	C ALLEGED
There is a po printing proc		amination with solvents from	n the lithogn	raphic
01 X: D. FIRE/EXPLOSIVE	E CONDITIONS	02 OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	POTENTIAL	ALLEGED
Two fires hav	e allegedly occurred	at the Algen Press site (no /87 and in the past bore "Fl	o dates are a Lammable Liqu	available). uid" labels.
There may be	nally affected: 7288 a potential for direc	02 © OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION  ct contact as the site is ve to be fenced in, but the enti	ETY close to ire site is 1	residential not fenced.
The potential	for soil contamination taken by the Department	02 OBSERVED(DATE:) 04 NARRATIVE DESCRIPTION ion exists if illegal dumpingent of Sanitation show no sign		
01 G. DRINKING WATE 03 POPULATION POTEN		02 □ OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	□ POTENTIAL	☐ ALLEGED
01 H. WORKER EXPO	SURE/INJURY Approx. 30	02 C OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	X POTENTIAL	☐ ALLEGED
Approximately chemicals the		he Algen Press site and cou	ld be affect	ed by the
01 & I. POPULATION EXI	POSURE/INJURY 811,276	02 C OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	XI POTENTIAL	C ALLEGED
A total of 81	1,276 people live wi	thin 4 miles of the Algen Parect contact with chemicals		

**≎EPA** 

### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION NY DOUL 362375

HAZARDOUS CONDITIONS AND INCIDENTS (Continued)	ON CLORESTED INTE	1	□ POTENTIAL ·	C ALLEGED
1 D. DAMAGE TO FLORA 4 NARRATIVE DESCRIPTION	02 OBSERVED (DATE:	_)	E POIEN.IAL	E ALLEGED
1 & K. DAMAGE TO FAUNA 4 NARRATIVE DESCRIPTION (Include name(s) of apecies)	02 OBSERVED (DATE:	_)	☐ POTENTIAL	₩ ALLEGED
A dog's paw allegedly became in building.	ritated after walking th	hroug	h run-off f	from the
11 L. CONTAMINATION OF FOOD CHAIN 14 NARRATIVE DESCRIPTION	02 D OBSERVED (DATE:	_)	POTENTIAL	ALLEGED
D1 & M. UNSTABLE CONTAINMENT OF WASTES (Spills runoff/standing liquids/leaking drums)	02 COSSERVED (DATE:	)	POTENTIAL	X ALLEGED
Local residents have observed a building.	o4 NARRATIVE DESCRIPTION stream of liquid coming	g fro	om the Alge	n Press
01 G N. DAMAGE TO OFFSITE PROPERTY 04 NARRATIVE DESCRIPTION	02 OBSERVED (DATE:	)	G POTENTIAL	□ ALLEGED
There is a potential for damage fire at the site.	to nearby residential	homes	s in the eve	ent of a
01   O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTF  O4 NARRATIVE DESCRIPTION	Ps 02 - OBSERVED (DATE:	)	D POTENTIAL	G ALLEGED
	•			
01 & P. ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION	02 OBSERVED (DATE:	)	☐ POTENTIAL	X ALLEGED
Local residents claim chemicals	s are dumped in a large	open	pit at nig	ht.
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALL	LEGED HAZARDS			
III. TOTAL POPULATION POTENTIALLY AFFECTED:81	1,276 people live withi	n 4 1	miles of th	e site
IV. COMMENTS				
V. SOURCES OF INFORMATION (Cite specific references, e. 2), state to	les, sample analysis, reports)			
(cont.) Environmental Aspects of Chemic Proceedings, EPA Office of Toxi			ns - Confer	rence